

METHOD FOR DETECTING EARTH FORMATION FRACTURES BY SEISMIC IMAGING OF DIFFRACTORS

Abstract

A method is disclosed for seismic imaging of subsurface diffractors. The method includes performing migration velocity analysis on a seismic time record section and depth migrating the time section for offsets exceeding one-half a distance between a seismic energy source and a seismic receiver most distant from the source during acquisition of seismic data used to generate the time record section.